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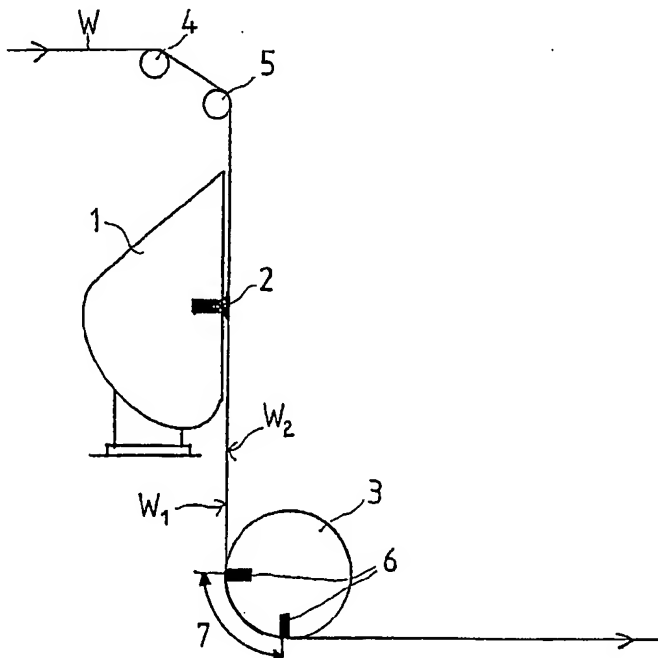
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(54) Title: **METHOD AND APPARATUS IN THE SURFACE SIZING OF A PAPER OR BOARD WEB**



(57) Abstract: The invention relates to a method and an apparatus in the surface sizing of a paper or board web. In the method according to the invention, surface size, such as a starch solution, is applied by means of an applicator device (1) to at least one side of the web (W) to be surface sized, and in which surface sizing is performed per one side of said web (W) in one or more stages. In connection with the application of surface size, a pressure effect is applied to the web (W) by subjecting the web (W) to an underpressure and/or to an overpressure such that, by means of said pressure effect, surface size is forced to penetrate into the web (W) into the pores of the web. Most advantageously, in the pores of the web (W) an underpressure is created that sucks surface size applied to the surface of the web from the surface of the web (W) into the pores in the inner layers. In that connection, surface size is applied to a first side (W1) of the web and a vacuum effect is applied to the opposite side, i.e. a second side (W2), of the web (W) to cause air to flow through the web (W) such that surface size moves from

the first side (W1) of the web in the direction of the second side (W2) of the web into the web (W). In a corresponding manner, both sides of the web (W) can be treated in successive stages.

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